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```
0001 0 XTITLE 'EDT$WFCOPLIN - copy a line'
0002 0 MODULE EDT$WFCOPLIN (
0003 0 IDENT = 'V04-000'
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 Copy a line, optionally deleting it.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 23-Feb-1981. This module was created by
0045 1 extracting routine EDT$SCPY LN from module EDTWF.
0046 1 1-002 - Regularize headers. JBS T6-Mar-1981
0047 1 1-003 - Save line being copied since we don't have indirect access
0048 1 into the workfile anymore. STS 23-Feb-1982
0049 1 1-004 - Make line larger. STS 23-Feb-1982
0050 1 1-005 - Change stack allocation to get heap storage. STS 05-Mar-1982
0051 1 1-006 - Give an error return if the heap storage is not available. JBS 09-Jun-1982
0052 1 1-007 - Improve the appearance of the listing. JBS 20-Jun-1983
0053 1 --
0054 1
```


EDTSWFCOPLIN
V04-000

EDTSWFCOPLIN - copy a line
Declarations

D 5
16-Sep-1984 02:04:05
14-Sep-1984 12:25:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFCOPLIN.BLI;1 Page 2 (2)

```
.. 56 0055 1 XSBTTL 'Declarations'
.. 57 0056 1
.. 58 0057 1 TABLE OF CONTENTS:
.. 59 0058 1
.. 60 0059 1
.. 61 0060 1 REQUIRE 'EDTSRC:TRAROUNAM';
.. 62 0499 1
.. 63 0500 1 FORWARD ROUTINE
.. 64 0501 1 EDT$SCPY_LN;
.. 65 0502 1
.. 66 0503 1
.. 67 0504 1 INCLUDE FILES:
.. 68 0505 1
.. 69 0506 1
.. 70 0507 1 REQUIRE 'EDTSRC:EDTREQ';
.. 71 0642 1
.. 72 0643 1
.. 73 0644 1 MACROS:
.. 74 0645 1
.. 75 0646 1 NONE
.. 76 0647 1
.. 77 0648 1 EQUATED SYMBOLS:
.. 78 0649 1
.. 79 0650 1 NONE
.. 80 0651 1
.. 81 0652 1 OWN STORAGE:
.. 82 0653 1
.. 83 0654 1 NONE
.. 84 0655 1
.. 85 0656 1 EXTERNAL REFERENCES:
.. 86 0657 1
.. 87 0658 1 In the routine
```

**F1

```

89 0659 1 XSBTTL 'EDT$$CPY_LN - copy a line'
90 0660 1
91 0661 1 GLOBAL ROUTINE EDT$$CPY_LN (
92 0662 1     DELETE                                ! Copy a line
93 0663 1     ) =                                ! 1 = delete after copying
94 0664 1
95 0665 1 !++
96 0666 1 ! FUNCTIONAL DESCRIPTION:
97 0667 1
98 0668 1     Copy a line. The delete parameter indicates that the line
99 0669 1     should be deleted after copying.
100 0670 1
101 0671 1 ! FORMAL PARAMETERS:
102 0672 1
103 0673 1     DELETE                                1 = delete after copying
104 0674 1
105 0675 1 ! IMPLICIT INPUTS:
106 0676 1
107 0677 1     EDT$$A_CUR_BUF
108 0678 1     EDT$$A_ALT_BUF
109 0679 1     EDT$$A_WK_LN
110 0680 1
111 0681 1 ! IMPLICIT OUTPUTS:
112 0682 1
113 0683 1     EDT$$A_CUR_BUF
114 0684 1
115 0685 1 ! ROUTINE VALUE:
116 0686 1
117 0687 1     1 = OK
118 0688 1     0 = failed for lack of heap storage
119 0689 1
120 0690 1 ! SIDE EFFECTS:
121 0691 1
122 0692 1     NONE
123 0693 1
124 0694 1 !--
125 0695 1
126 0696 2 BEGIN
127 0697 2
128 0698 2 EXTERNAL ROUTINE
129 0699 2     EDT$$ALO_HEAP,                                ! Allocate heap storage
130 0700 2     EDT$$DEA_HEAP : NOVALUE,                    ! Deallocate heap storage
131 0701 2     EDT$$DEL_CURLN : NOVALUE,
132 0702 2     EDT$$INS_LN : NOVALUE,
133 0703 2     EDT$$RD_CURLN : NOVALUE;
134 0704 2
135 0705 2 EXTERNAL
136 0706 2     EDT$$A_CUR_BUF : REF TBCB_BLOCK,              ! Current text buffer control block
137 0707 2     EDT$$A_ALT_BUF,                              ! Alternate text buffer control block
138 0708 2     EDT$$A_WK_LN : REF LIN_BLOCK;                ! Pointer to current line
139 0709 2
140 0710 2 LOCAL
141 0711 2     SAVE_TBCB,
142 0712 2     LINE,
143 0713 2     LINE_LEN;
144 0714 2
145 0715 2 !+
```

EDT\$WFCOPLIN
V04-000

EDT\$WFCOPLIN - copy a line
EDT\$\$CPY_LN - copy a line

F 5
16-Sep-1984 02:04:05
14-Sep-1984 12:25:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFCOPLIN.BLI;1
Page 4
(3)

```

146 0716 2 ! since we do not have indirect access to the workfile with callable EDT
147 0717 2 ! we must copy out the line we wish to copy before we get the next bucket.
148 0718 2 !
149 0719 2
150 0720 2 IF ( NOT EDT$$ALO_HEAP (XREF (512), LINE)) THEN RETURN (0);
151 0721 2
152 0722 2 LINE_LEN = .EDT$$WK_LN [LIN_LENGTH];
153 0723 2 EDT$$CPY_MEM (.LINE_LEN, EDT$$WK_LN [LIN_TEXT], .LINE);
154 0724 2 SAVE_TBCB = .EDT$$CUR_BUF;
155 0725 2 EDT$$CUR_BUF = .EDT$$ALT_BUF;
156 0726 2 EDT$$RD_CURLN ();
157 0727 2 EDT$$INS_LN (.LINE, .LINE_LEN);
158 0728 2 EDT$$DEA_HEAP (XREF (512), LINE);
159 0729 2 EDT$$CUR_BUF = .SAVE_TBCB;
160 0730 2 EDT$$RD_CURLN ();
161 0731 2
162 0732 2 IF .DELETE THEN EDT$$DEL_CURLN ();
163 0733 2
164 0734 2 RETURN (1);
165 0735 1 END;
```

! of routine EDT\$\$CPY_LN

.TITLE EDT\$WFCOPLIN EDT\$WFCOPLIN - copy a line
.IDENT \V04-000\

.EXTRN EDT\$\$ALO_HEAP, EDT\$\$DEA_HEAP
.EXTRN EDT\$\$DEL_CURLN, EDT\$\$INS_LN
.EXTRN EDT\$\$RD_CURLN, EDT\$\$CUR_BUF
.EXTRN EDT\$\$ALT_BUF, EDT\$\$WK_LN

.PSECT _EDT\$CODE, NOWRT, SHR, PIC, 2

```

.ENTRY EDT$$CPY_LN, Save R2,R3,R4,R5,R6,R7,R8 ; 0661
MOVAB EDT$$RD_CURLN, R8
MOVAB EDT$$CUR_BUF, R7
SUBL2 #8, SP
PUSHAB LINE ; 0720
MOVZWL #512, 4(SP)
PUSHAB 4(SP)
CALLS #2, EDT$$ALO_HEAP
BLBC R0, 2$
MOVL EDT$$WK_LN, R0 ; 0722
MOVZBL (R0), LINE_LEN
MOVC3 LINE_LEN, 7(R0), @LINE ; 0723
MOVL EDT$$CUR_BUF, SAVE_TBCB ; 0724
MOVL EDT$$ALT_BUF, EDT$$CUR_BUF ; 0725
CALLS #0, EDT$$RD_CURLN ; 0726
PUSHL LINE_LEN ; 0727
PUSHL LINE
CALLS #2, EDT$$INS_LN ; 0728
PUSHAB LINE
MOVZWL #512, 4(SP)
PUSHAB 4(SP)
CALLS #2, EDT$$DEA_HEAP ; 0729
MOVL SAVE_TBCB, EDT$$CUR_BUF ; 0730
CALLS #0, EDT$$RD_CURLN ; 0731
BLBC DELETE, 1$ ; 0732
```

```

01FC 00000
58 00000000G 00 9E 00002
57 00000000G 00 9E 00009
5E 08 C2 00010
04 AE 04 9F 00013
04 AE 0200 8F 3C 00016
04 AE 9F 0001C
00000000G 00 02 FB 0001F
51 50 E9 00026
50 00000000G 00 D0 00029
56 60 9A 00030
04 BE 07 A0 56 28 00033
52 67 D0 00039
67 00000000G 00 D0 0003C
68 00 FB 00043
56 DD 00046
08 AE DD 00048
00000000G 00 02 FB 0004B
04 AE 9F 00052
04 AE 0200 8F 3C 00055
04 AE 9F 0005B
00000000G 00 02 FB 0005E
67 52 D0 00065
68 00 FB 00068
07 04 AC E9 0006B
```


EDT\$WFCOPLIN
V04-000

EDT\$WFCOPLIN - copy a line
EDT\$\$CPY_LN - copy a line

6 5
16-Sep-1984 02:04:05
14-Sep-1984 12:25:27

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFCOPLIN.BLI;1 Page 5 (3)

00000000G 00
50

00 FB 0006F
01 D0 00076 1\$:
04 00079
50 D4 0007A 2\$:
04 0007C

CALLS #0, EDT\$\$DEL_CURLN
MOVL #1, R0
RET
CLRL R0
RET

: 0734
: 0735
:

: Routine Size: 125 bytes, Routine Base: _EDT\$CODE + 0000

: 166 0736 1
: 167 0737 1 !<BLF/PAGE>

EDT\$WFCOPLIN
V04-000

EDT\$WFCOPLIN - copy a line
EDT\$\$CPY_LN - copy a line

H 5
16-Sep-1984 02:04:05
14-Sep-1984 12:25:27

VAX-11 Bliss-32 V4.0-742
DISK\$VM\$MASTER:[EDT.SRC]WFCOPLIN.BLI;1 Page 6 (4)

: 169
: 170
: 171
0738 1 END
0739 1
0740 0 ELUDOM

! of module EDT\$WFCOPLIN

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	125	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	32	8	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:WFCOPLIN/OBJ=OBJ\$:WFCOPLIN MSRC\$:WFCOPLIN.BLI/UPDATE=(ENH\$:WFCOPLIN)

: Size: 125 code + 0 data bytes
: Run Time: 00:11.1
: Elapsed Time: 00:13.7
: Lines/CPU Min: 4010
: Lexemes/CPU-Min: 11593
: Memory Used: 75 pages
: Compilation Complete

0141

AH-BT13A-SE
 VAX/VMS V4.0

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